## (19) World Intellectual Property **Organization**

International Bureau





(43) International Publication Date 16 September 2004 (16.09.2004)

## (10) International Publication Number WO 2004/078130 A2

(51) International Patent Classification7:

**A61K** 

English

(21) International Application Number:

PCT/US2004/006308

(22) International Filing Date: 2 March 2004 (02.03.2004)

(25) Filing Language:

(26) Publication Language: English

(30) Priority Data:

60/451,437	3 March 2003 (03.03.2003)	US
60/452,284	5 March 2003 (05.03.2003)	US
60/455.760	19 March 2003 (19.03.2003)	US
60/456,640	20 March 2003 (20.03.2003)	US
60/460,526	3 April 2003 (03.04.2003)	US
60/460,792	4 April 2003 (04.04.2003)	US
60/464,285	21 April 2003 (21.04.2003)	US
60/469,462	9 May 2003 (09.05.2003)	US
60/471,378	15 May 2003 (15.05.2003)	US
60/472,327	20 May 2003 (20.05.2003)	US
60/474,706	30 May 2003 (30.05.2003)	US
60/475,825	3 June 2003 (03.06.2003)	US
60/479,317	17 June 2003 (17.06.2003)	US
60/480,215	19 June 2003 (19.06.2003)	US
60/480,376	19 June 2003 (19.06.2003)	US
60/493,860	8 August 2003 (08.08.2003)	US
60/498,634	28 August 2003 (28.08.2003)	US
60/503,931	16 September 2003 (16.09.2003)	US
PCT/US03/35712		
	10 November 2003 (10.11.2003)	US
PCT/US04/03600	5 February 2004 (05.02.2004)	US
60/549,896	2 March 2004 (02.03.2004)	US

(71) Applicant (for all designated States except US): PROTE-OLOGICS, INC. [US/US]; 40 Ramland Road South, Suite 10, Orangeburg, NY 10962 (US).

- (72) Inventors; and
- (75) Inventors/Applicants (for US only): TAGLICHT,

Daniel, N. [IL/IL]: 33 Ha'Alonim St., Lapid 73133 (IL). ALROY, Iris [IL/IL]: Hashirion Street 10/17, 74065 Nes Ziona (IL). REISS, Yuval [IL/IL]: Hahavazelet 11/6. Kiriat-ono (IL). YAAR, Liora [IL/IL]; 8 Kalisher Street. 43354 Raanana (IL). BEN-AVRAHAM, Danny [IL/IL]: Igal Alon 20, Zichron Jackov (IL). TUVIA, Shmuel [IL/IL]: Hartzit 1, 42490 Netanya (IL). GREENER, Tsvika [IL/IL]; Hahavazelet 9a, Ness Ziona (IL).

- (74) Agents: EHRHARD, Kathleen et al.; Ropes & Gray LLP, One International Place, Boston, MA 02110-2624 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM. AT, AU. AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: POSH INTERACTING PROTEINS AND RELATED METHODS

(57) Abstract: The application provides novel complexes of POSH polypeptides and POSH-associated proteins. The application also provides methods and compositions for treating POSH-associated diseases such as viral disorders, cancer, and neurological disorders.

